Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No.1st & Final Bill SBR No. 74/19-20

Date..... 2019 DATED 17-3-2020

EE/ELE/Y/BR No. 74/19-20

Dt. 17-3-2020

Division: **Electrical (Yelahanka)** Sub-Division: **Electrical**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Job Code :- 004-18-000088** 82

Schedule Docket No. Head of Account : P – Code: **P0294** D.R.No.

Name of Work **:- Repairs and Replacement of damaged Lights in forest Park in A sector yelahanka Constituency in Ward no 04.**

.Name of Contractor and Full Address **M/s Mamatha Electricals,**

Reference to Agreement No:EE(Ele)YZ/WO/000056/ 2018-19 Date:- 13 / 02 /2019

Certified that the measurements were taken by me on 14/1/20 and recorded of Pages 256296 to 298 of measurement Book No. 2563/18-19 and that the work is satisfactorily executed.

For MAMATHA ELECTRICALS P.M. Proprietor

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 14/1/20 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele) BBMP, Bangalore

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	Bill=	365HH5 =00
2) Deduct amount to be held in reserve being .....percent Rs.....	IT 1%	365H =00
3) " Balance	LWL 1%	365H =00
4) Deduct Payment:	Amount 1%	365 =00
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....	FBD 5%	18272 =00
adjusted towards cash advance recovery of	Scest 1%	3261 =00
b) Payments Now made cost store or other material supplied.	Cost 1%	3261 =00
recovery of amount creditable to this/other work	Fine	10963 =00
Amount paid on this bill Cheque / Cash.	deductions	43,430 =00
5) Balance being unpaid value of work done held in reserve.	Cheque=	3,22,015 =00
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P0294 H42 R toelatr Dn

ರೂ: 365HH5=00 ಆಡಿಟ್ ಮಾಡಿ ಪ್ರಶಂಸನೆ

ರೂ: 3,22,015=00 ಕ್ಕೆ ಮಿಮಾಂಸಾಧಾರಿಕೆ

ರೂ: 43,430=00 ಹೊಂಬಾಳೆಗೆ ಮಾಡಿದ

Total amount adjusted -

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Contractor's Signature

For MAMATHA ELECTRICALS P.M. Proprietor

Witness ಲೆಕ್ಕ ಅಧೀಕ್ಷಕರು ಕಾ.ಪಾ.ಅ.(ಪ್ರ) ಯಲಹಂಕ ಉಪವಿಭಾಗ

1.

2.

(For use in the Office)

Dated Signature of Contractor

Stamp

For MAMATHA ELECTRICALS P.M. Proprietor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....Initials of Officer making payme

Sl. No		Unit
	Name Of Work:- Repairs and Replacement of damaged Lights in forest Park in A sector yelahanka Constituency in Ward no 04.	
1	LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminare > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacture. Suitable for B1/B2 Roads as per IS 1944 Part I & Part II. LED Streetlight 24watts	Nos
2	Supplying & fixing of 32 mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. Using 32mm dia G.I pipe	Nos
3	Transporting and erecting of 3.5 Mtrs long Swged Tubelor park poles including Digging of pit 45x45x100cms & providing 1:2:4 concrete of size 35x35x130 cms Including coping as per the detaild enclosed civil estimate & drawimg	Nos
4	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanished, steel wire/steel tap armoured cable with PVC outer sheating 1.1 KV class.I. Class 'A' PVC Cable. 4 core 16 sqmm	Mtrs
5	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct. 6 sqmm to 16 sqmm	Mtrs
6	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete. (As perCivil SR KSRB I-2, P-7).a) In soil (ordinary)	Mtrs
7	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cable in open or consealed system of wiring.I Group A Materials.b)1.5 sqmm	Mtrs
	Total Rs	

Certificate: 1. Certefied that the Above Work has been carreid out satisfactorily

Assistant Executive Engineer (Ele)
BBMP, Bangalore

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty	Cost	Qty	Rate	Amount	Qty	Cost	
		44	6219.00	273636.00	44	273636.00	
		43	891.00	38313.00	43	38313.00	
		2	972.00	1944.00	2	1944.00	
		226	135.00	30510.00	226	30510.00	
		226	9.00	2034.00	226	2034.00	
		200	72.00	14400.00	200	14400.00	
		320	14.40	4608.00	320	4608.00	
				365445.00		**365445.00**	